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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In the United States Patent Application of: )

Applicant: Nuesch, et al. )

Docket No.: 4121-136 )

Application No.: 10/069,056 )

Examiner: Not yet assigned. )


Date Filed: February 11, 2002 )

Group Art Unit: Not yet assigned. )

Title: PARVOVIRUS NS 1 VARIANTS )

**FIRST CLASS MAIL CERTIFICATE**

I hereby certify that I am mailing the attached documents to the Commissioner for Patents on the date specified, in an envelope addressed to the Commissioner for Patents, Washington, DC 20231, and First Class Mailed under the provisions of 37 CFR 1.8.

  
Blake Crouch

May 30, 2002  
Date of Mailing

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
Washington, D.C. 20231

Sir:

Pursuant to 37 C.F.R. §1.56, the attention of the Patent and Trademark Office is hereby directed to the reference(s) listed on the attached PTO-1449. One copy of each reference is attached. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the reference(s) be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

- ☒ 1. This Information Disclosure Statement is being filed within three months of the U.S. filing date OR before the mailing date of a first Office Action on the merits. No certification or fee is required.
- ☐ 2. This Information Disclosure Statement is being filed more than three months after the U.S. filing date AND after the mailing date of the first Office Action on the merits, but before the mailing date of a Final Rejection or Notice of Allowance.
- ☐ a. I hereby certify that each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement. 37 C.F.R. §1.97(e)(1).

☐ b. I hereby certify that no item of information in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to my knowledge after making reasonable inquiry, was known to any individual designated in 37 C.F.R. §1.56(c) more than three months prior to the filing of this Information Disclosure Statement. 37 C.F.R. §1.97(e)(2).

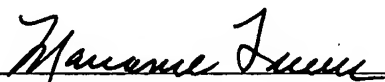
☐ c. Attached is our check no. \_\_\_\_\_ in the amount of \$\_\_\_\_\_ in payment of the fee under 37 C.F.R. §1.17(p). Please credit or debit Deposit Account No. \_\_\_\_\_ as needed to ensure consideration of the disclosed information. Two duplicate copies of this paper are attached.

☐ 3. This Information Disclosure Statement is being filed more than three months after the U.S. filing date and after the mailing date of a Final Rejection or Notice of Allowance, but before payment of the Issue Fee. Applicant(s) hereby petition(s) that the Information Disclosure Statement be considered. Attached is our check no. \_\_\_\_\_ in the amount of \$130.00 in payment of the petition fee under 37 C.F.R. §1.17(i)(1). Please credit or debit Deposit Account No. \_\_\_\_\_ as needed to ensure consideration of the disclosed information. Two duplicate copies of this paper are attached.

☐ a. I hereby certify that each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement. 37 C.F.R. §1.97(e)(1).

☐ b. I hereby certify that no item of information in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to my knowledge after making reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this Information Disclosure Statement. 37 C.F.R. §1.97(e)(2).

Respectfully submitted,



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FORM PTO-1449		US Dept. of Commerce Patent and Trademark Office		ATTORNEY DOCKET NO.  4121-136		SERIAL NO.  10/069,056	
INFORMATION DISCLOSURE STATEMENT  (use several sheets if necessary)				APPLICANT  Nuesch, et al			
				FILING DATE  February 11, 2002		GROUP  Not yet assigned.	
<b>U.S. PATENT DOCUMENTS</b>							
EXAMINER OFFICIAL TRADEMARK OFFICE		PATENT NUMBER	ISSUE DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<b>FOREIGN PATENT DOCUMENTS</b>							
		DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES      NO
<b>OTHER DOCUMENTS (Including Author, Title, Journal-Date, Page Number, Etc.)</b>							
	AA	XP-000867510. Legendre et al. "Terminal Regions of the NS-1 Protein of the parvovirus Minute Virus of Mice Are Involved in Cytotoxicity and Promoter trans inhibition." Jour. Of Virol. Oct. 1992. p 5705-5713.					
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	AC	XP-002088311. Nuesch et al. "Sequence Motifs in the Replicator Protein of Parvovirus MVM Essential for Nicking and Vocalent Attachment to the Viral Origin: Identification of the Linking Tyrosine." Nuesch et al. Virol. 209, 122-135 (1995).					
	AD	XP-002088309. Cotmore et al. "The NS1 Polypeptide of the Murine Parvovirus Minute Virus of Mice Binds to DNA Sequences Containing the Motif [ACCA] <sub>2-3</sub> ." Jour of Virol. Mar. 1995, p. 1652-1660.					
EXAMINER		DATE CONSIDERED					